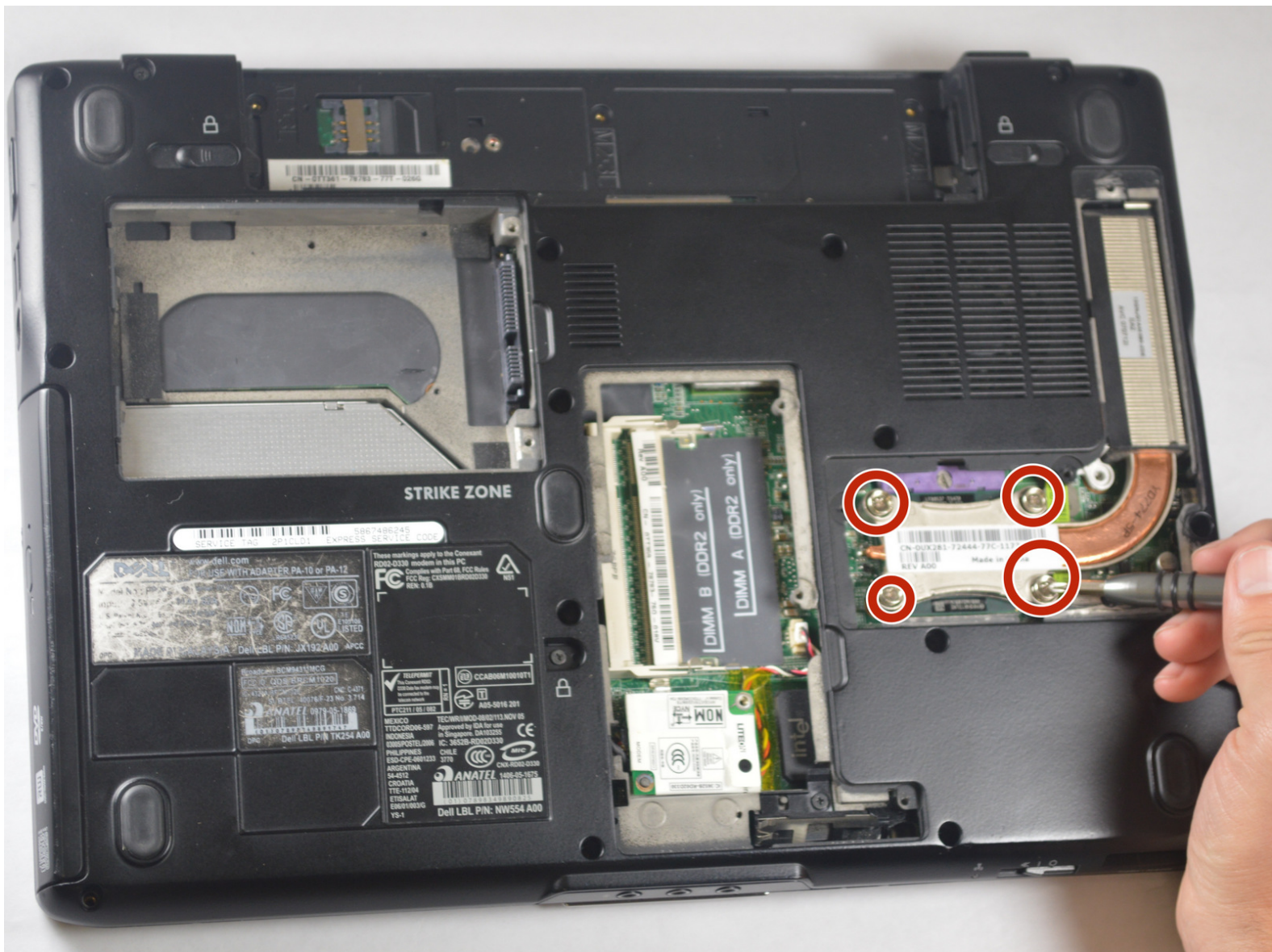




# Dell Vostro 1400 Speakers Replacement

The replacement of the speakers on the Dell Vostro 1400.

Written By: David Hogg



## INTRODUCTION

This guide will show you the proper steps to replace your speakers in your Dell Vostro 1400

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### TOOLS:

- [JIS Driver Set](#) (1)

J0

- [iFixit Opening Tools](#) (1)
-

## Step 1 — Battery



⚠ Be sure the power is off and all cables are unplugged from the device before starting.

- After flipping over the laptop, the battery is on the bottom side of the laptop.
- Find the tabs on both the left and right side of the battery.

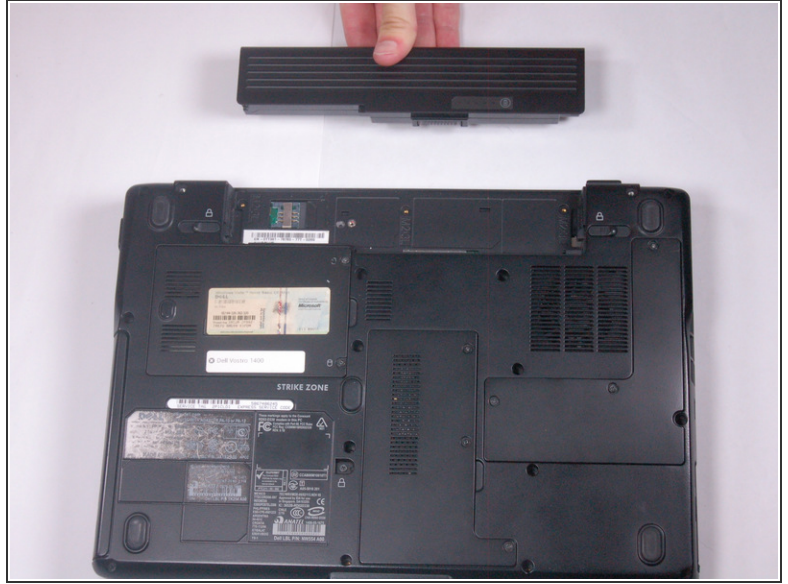
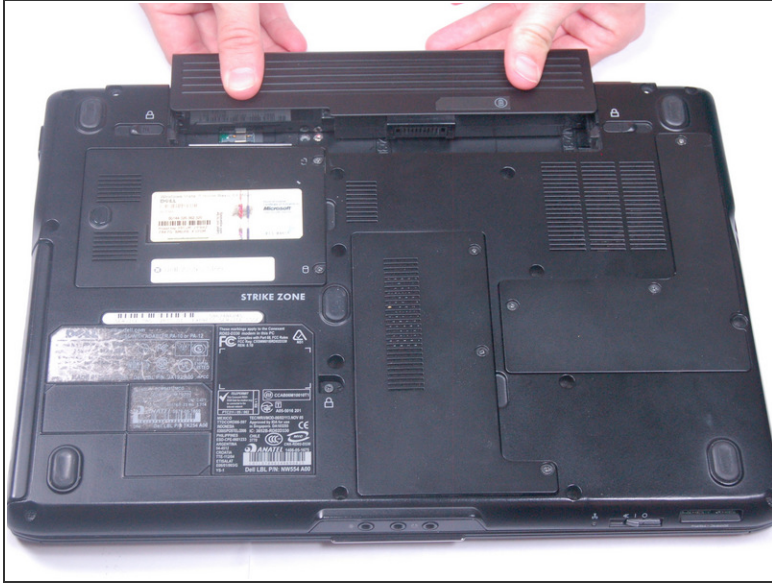
## Step 2



- Push tabs toward the outside of the laptop until they lock in place.



## Step 3



- Push the battery forward to eject it from the laptop.



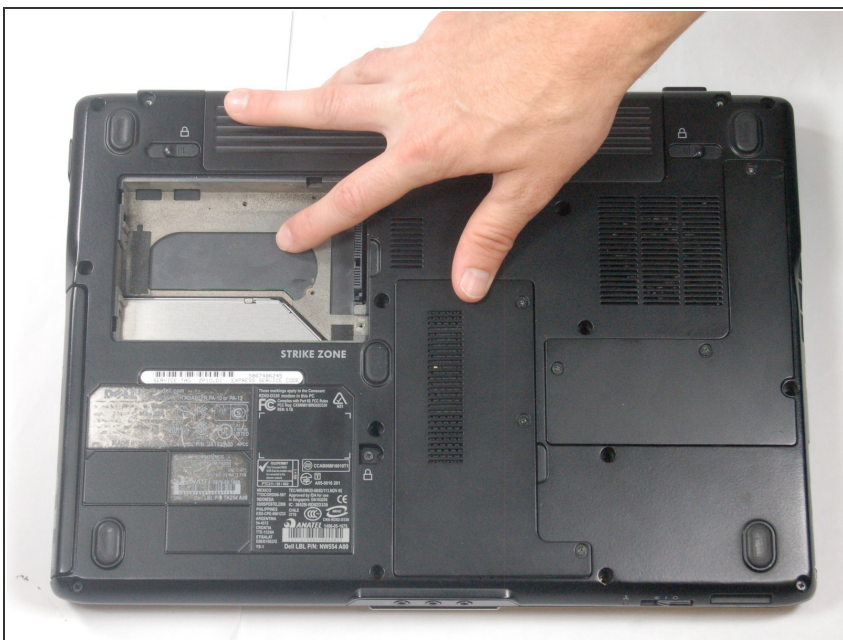
## Step 4 — Hard Drive



**⚠** Please ensure that your device is turned off and everything is unplugged before working on it.

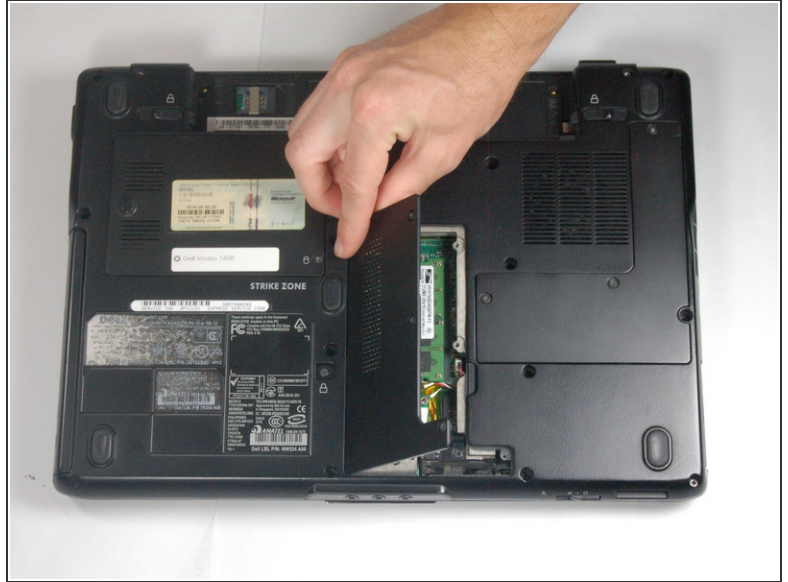
- Unscrew both screws on the hard drive panel until the panel is able to be removed.
- i** The screws will not come off of the panel.
- Once screws have been loosened, remove the panel from the laptop.


## Step 5




- Remove the hard drive by pulling up on the black tab on the right side of the hard drive.

## Step 6 — RAM



 Make sure the laptop is turned off and all cables are unplugged.

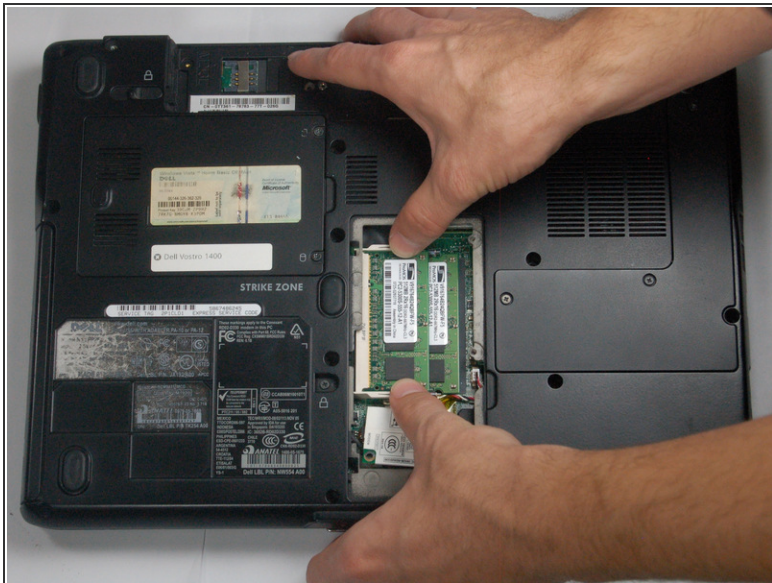
- Loosen the three 3 mm screws on the RAM cover.

 Screws will not completely come out.

- Lift the cover and remove it from the laptop.



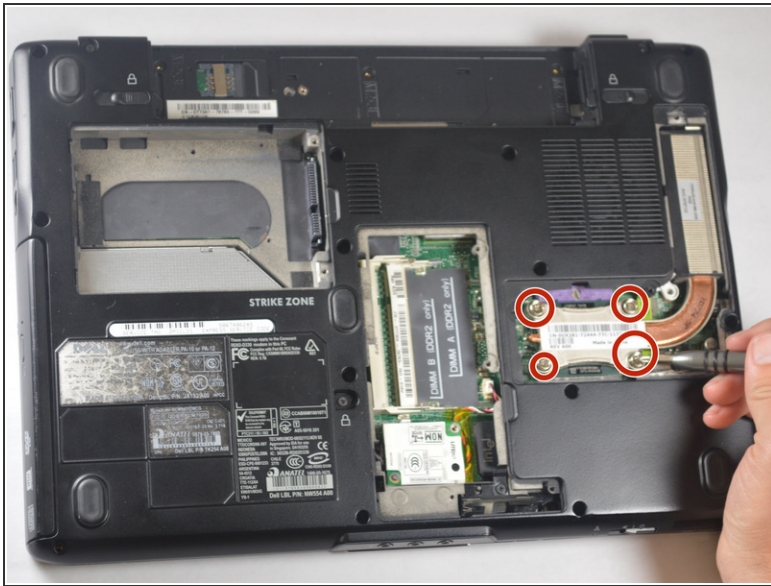
## Step 7



- Pull tabs apart on both the top and bottom of the memory card.
- Lift memory card and remove it from the laptop.
- Repeat the process for the second memory card.



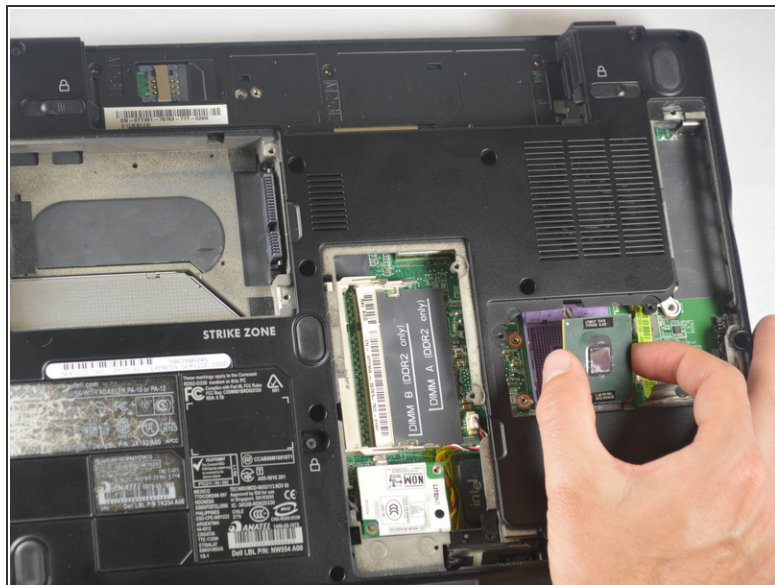
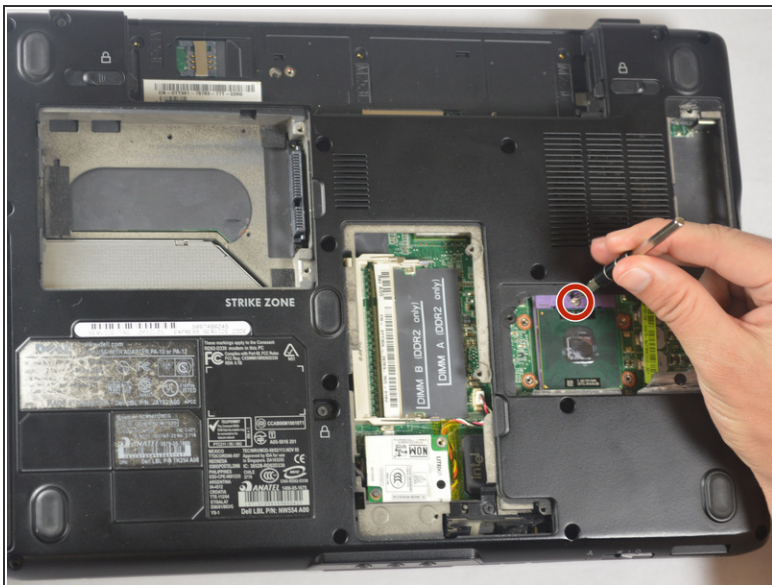
## Step 8 — Speakers



Make sure device is turned off

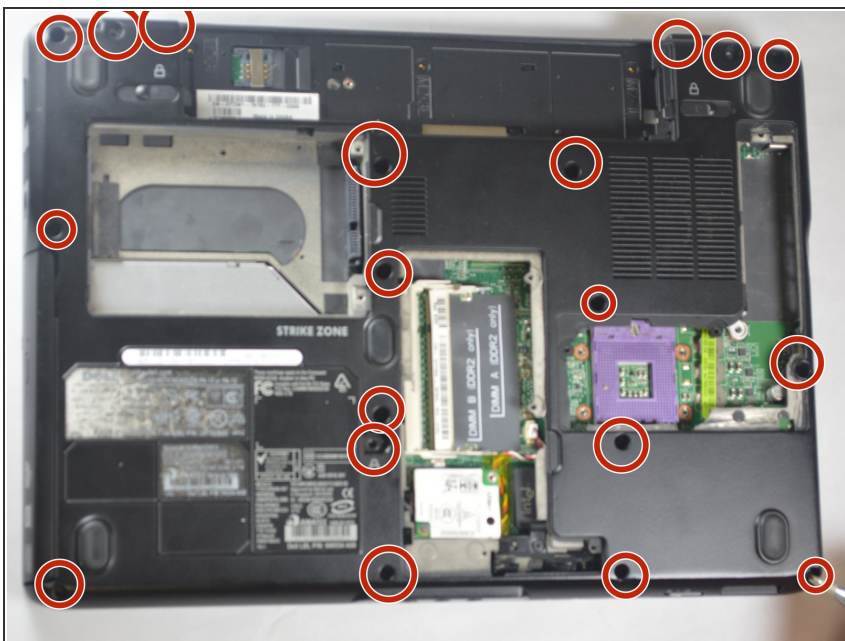
- Loosen the 3 screws holding down the panel for the CPU processor door.
- Loosen the 4 heat sink screws and lift the heat sink away from the motherboard
- Use a Flathead screwdriver to turn the CPU locking screw counter clockwise to about 180 degrees
- Lift CPU processor away from the motherboard

## Step 9



- Use a flat head screw driver to turn the CPU locking screw counter clockwise to 180 degrees.
- Lift CPU processor away from the motherboard

## Step 10



- Remove the seventeen 8mm bottom base screws and two 8mm screws from the back.

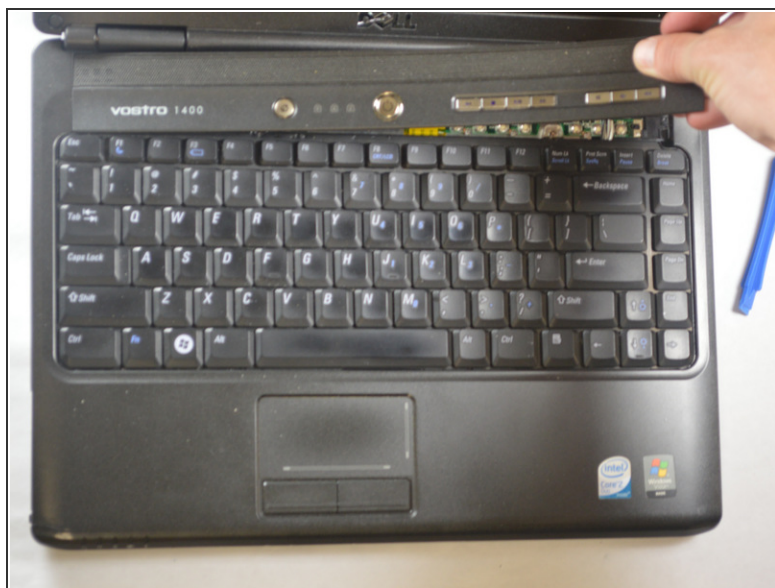


## Step 11



- Remove the three 3mm bottom base screws.
- Remove the 5mm bottom base screw.

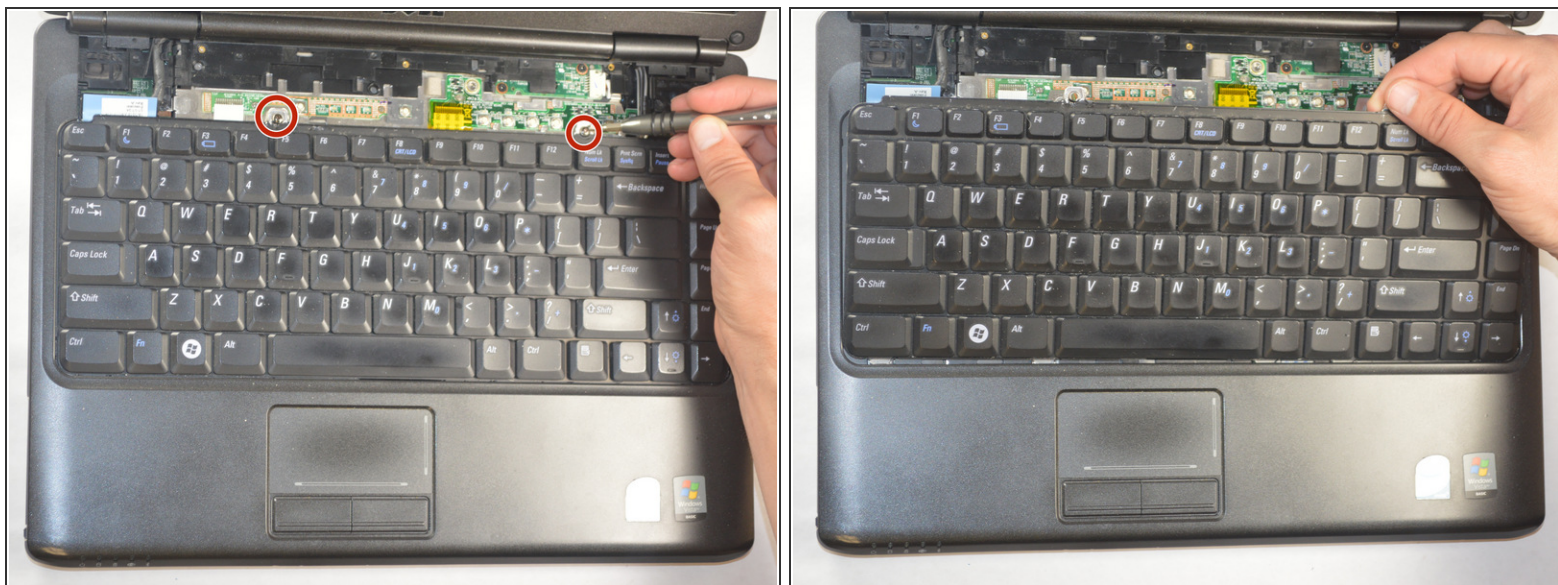
## Step 12



- Turn over the laptop and open it.
- Using a flat head screw driver, pry up the power button cover starting right to left.



## Step 13



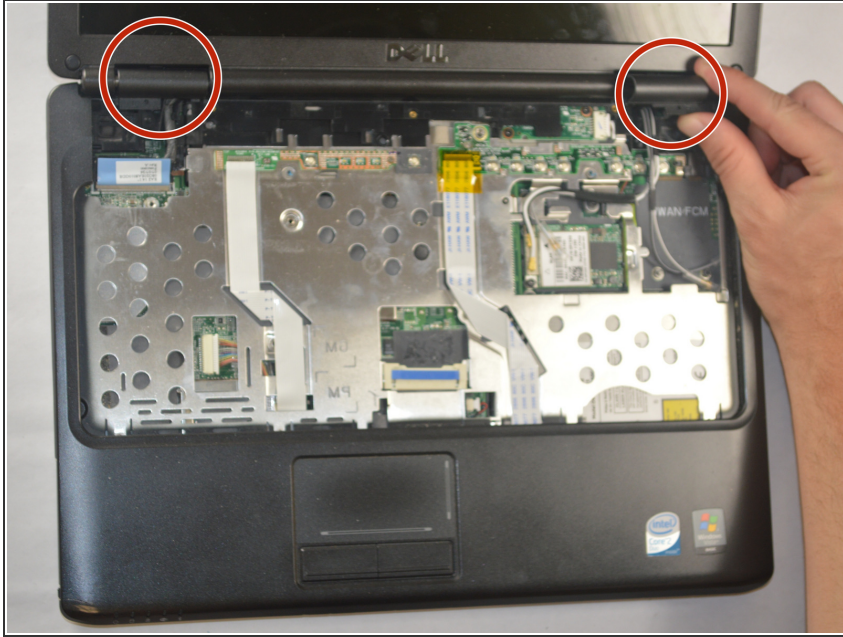
- Unscrew the (2) 2mm x 3mm screws.
- Carefully lift the keyboard and hold it over the power button

## Step 14



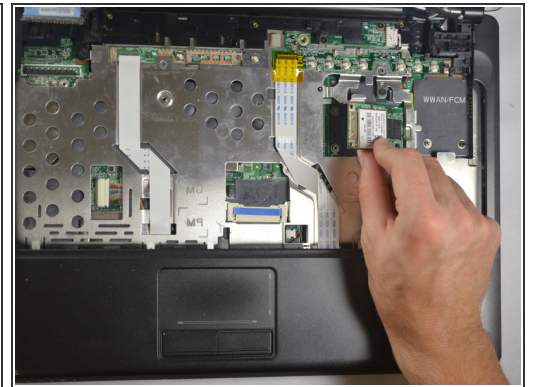
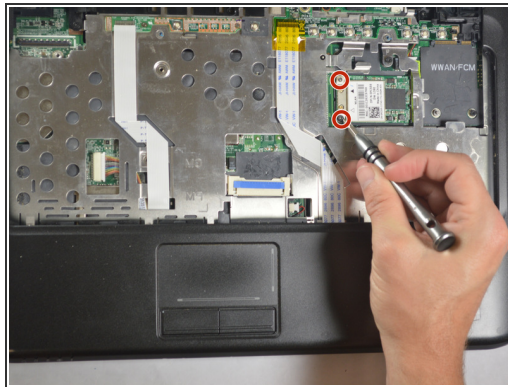
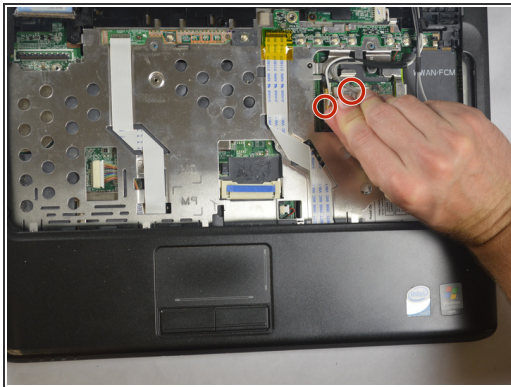
- Carefully lift up the blue latch on the keyboard cable connector and slide the cable out

## Step 15



- Remove left and right hinge covers

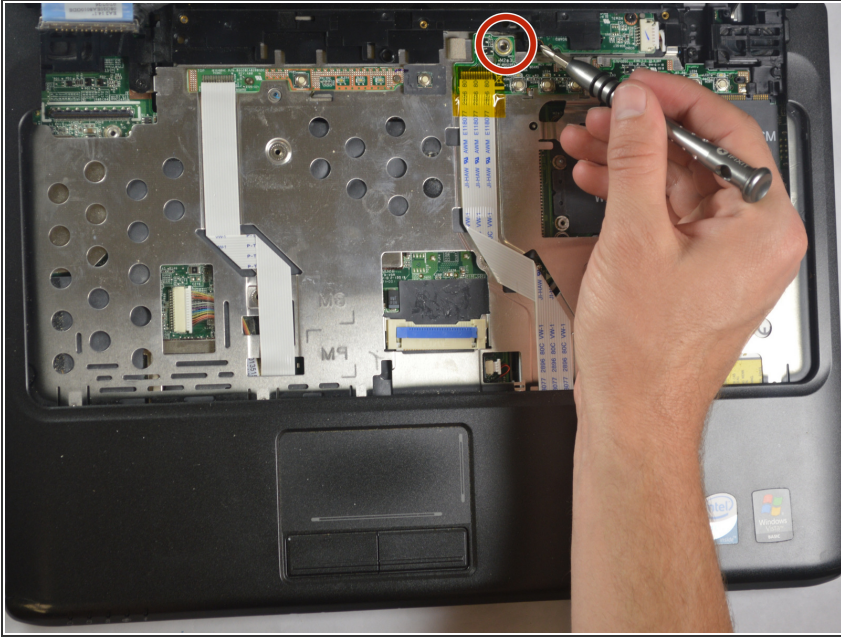
## Step 16



- Unplug the WLAN antenna cables.
- Unscrew the 2mm x 3mm screw.
- Remove the WLAN card from the motherboard.

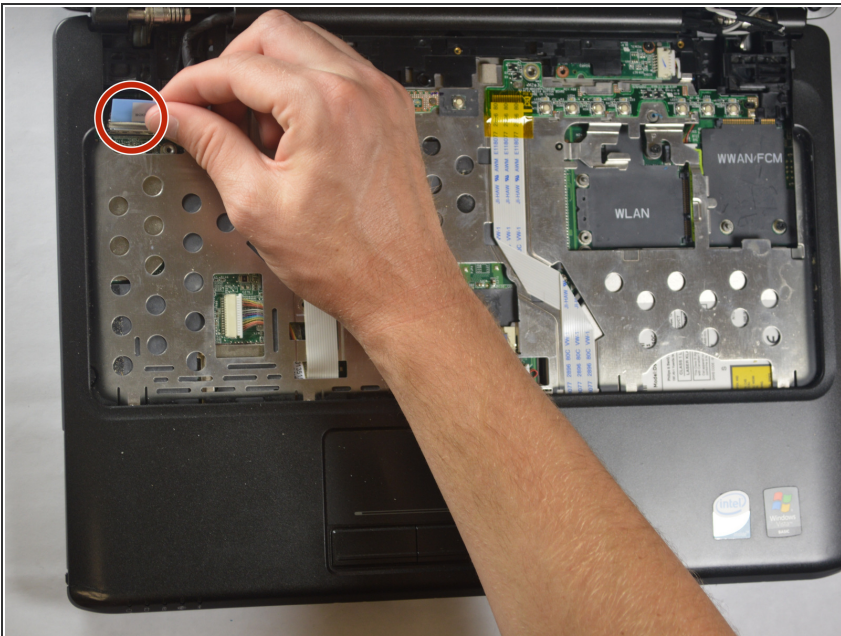


## Step 17



- Remove the 2mm x 3mm screw on the media button circuit board.
- Loosen media button circuit board and take the antenna cables from under it.

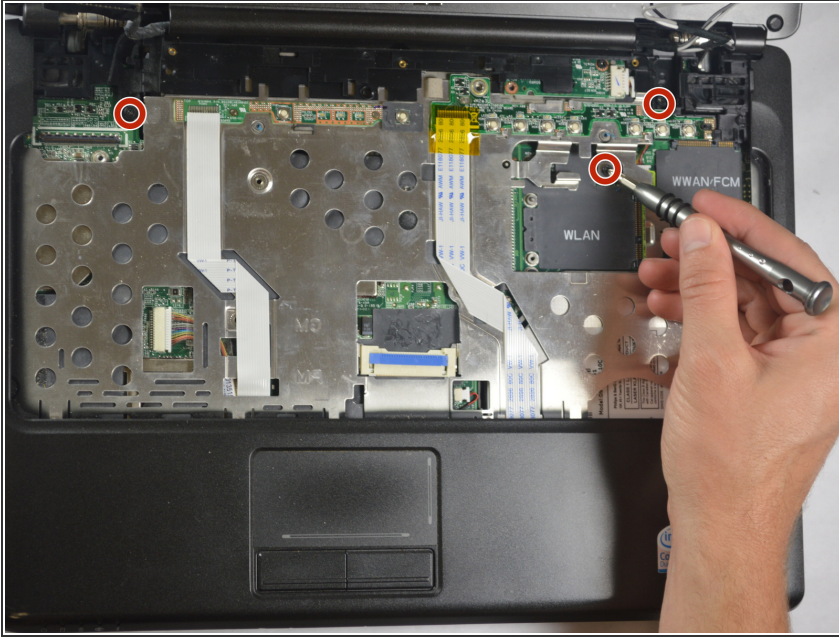
## Step 18



- Unplug LCD cable
- Lift LCD assembly away from the laptop

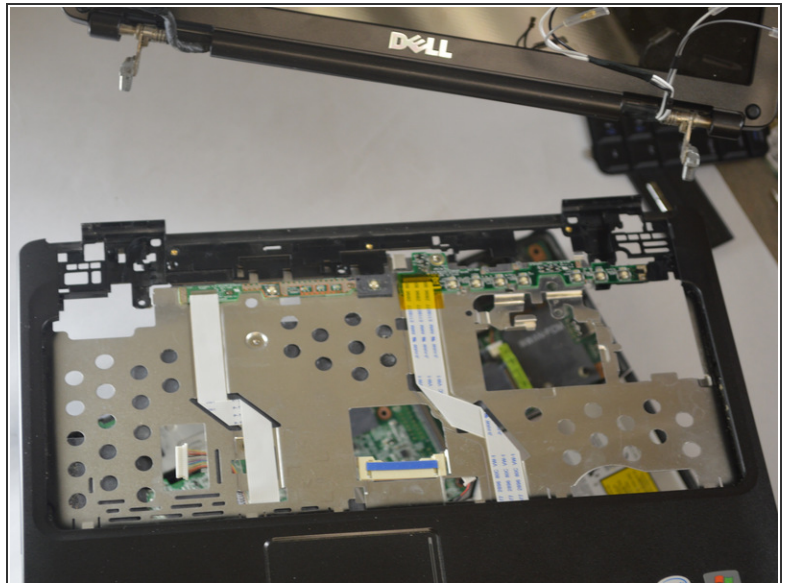
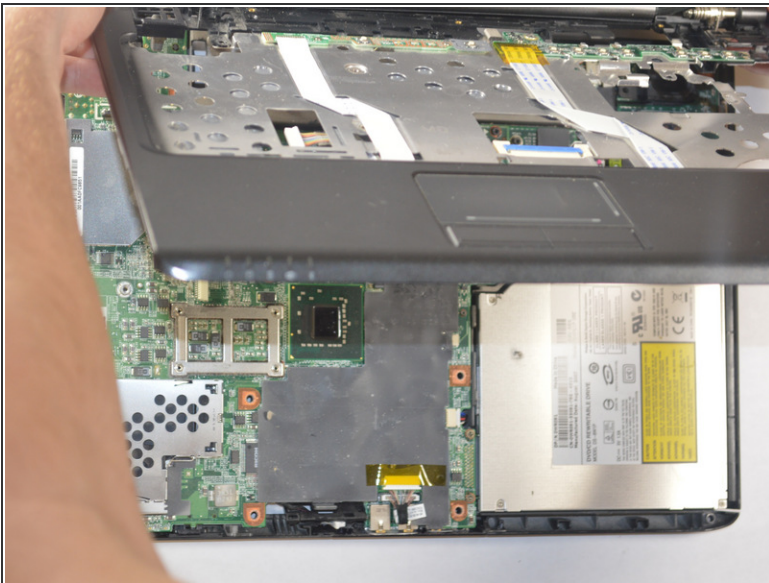


## Step 19



- Remove the (3) 2.5mm x 5mm top palmrest screws
- Unplug palm rest cables

## Step 20



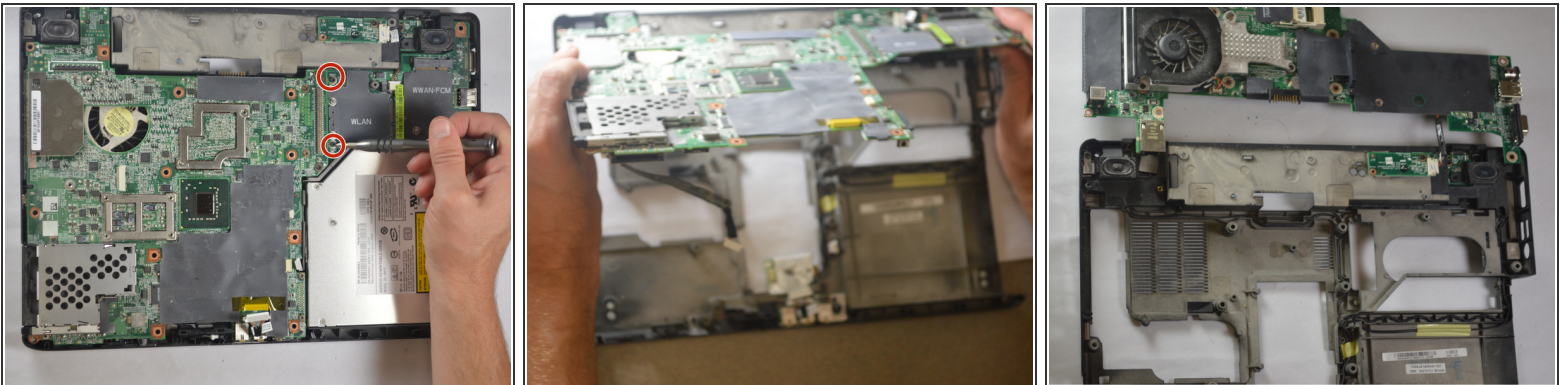
- Remove the palm rest from the base of the laptop

## Step 21



- Unplug the audio board cable and the speakers
- Remove the 2.5mm x 5mm screw.

## Step 22



- Remove the (2) 2mm x 3mm screws.
- Lift the motherboard out of the base and flip it over.



## Step 23



- Remove the two 2.5mm x 5mm Right and Left speaker screws
- Lift the speakers away from the base of the laptop.

To reassemble your device, follow these instructions in reverse order.

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